



Norman H. Bangerter
Governor

Suzanne Dandoy, M.D., M.P.H.
Executive Director

FILE COPY

January 16, 1987
538-6146

RECEIVED
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Mr. M. C. Godbe III
1012 Newhouse Building
Salt Lake City, Utah 84111

DIVISION OF
OIL, GAS & MINING

RE: Sevier Lake Project
Pilot Phase Operation
Plan Review

Dear Mr. Godbe:

We have reviewed the written portion of the plan to construct the pilot phase of the operation and have the following requests for additional information:

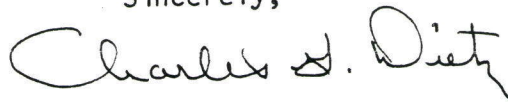
- a. A map should be provided which will locate the pilot phase of the operation with relation to the main dike and the lake in general.
- b. Detail drawings of the evaporation pond, including cross sections of the dikes, should be provided.
- c. Some estimate or verification of the lake bottom clays should be provided to establish the minimum depth of these clays beneath these ponds.
- d. Any discontinuities (springs, sink holes, etc.,) in the clay bottoms should be identified. In addition, any possibility of artesian pressure should be identified.
- e. Any chemicals agents which will be used in the process should be identified.
- f. An evaluation of the ground water which might be impacted by this project should be made.
- g. Any information from geophysical logs for the deep wells drilled should be provided for review.
- h. The location of the plant process water test well and the brine recovery test well should be identified. Also, a brief explanation as to why one well will provide enriched brine water and the other process water when both wells are in the same general location and are drilled to the same depth should be provided.

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This information should be submitted to this Bureau. Mr. Roger Foisey of the Central Utah District Health Department, Richfield, and Mr. Jed Finlinson, of the Utah County District Health Department in Delta, for review. A construction permit must be obtained before any construction of the pilot phase operation will be allowed.

Please call if there are any questions.

Sincerely,

A handwritten signature in cursive script that reads "Charles G. Dietz".

Charles G. Dietz, P.E.
Environmental Engineer
Bureau of Water Pollution Control

CGD:mw

cc: Mr. Wayne Hedberg, Divn. of Oil, Gas & Mining
Roger Foisy, Central Utah Dist. Health Dept., Richfield
Jed Finlinson, Central Utah Dist. Health Dept., Delta

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